

Marked-Up Version of Amended Claims:

1 1. (Currently Amended) A method of selectively making information available to groups  
2 of parties amongst a plurality of parties, said method comprising the steps of:

- 3 a) generating ~~a~~ at least one public key, each having a recognizable name portion;  
4 b) publishing said public key;  
5 c) generating ~~a secure key~~ at least one random suffix serving as a secure key;  
6 d) combining said secure key with said public key by concatenating ones of said  
7 random suffixes with ones of said public keys; and;  
8 e) distributing a key corresponding to said secure key to members of a selected  
9 group.

1 2. (Canceled) A method as in claim 1, wherein the public key is a recognizable name  
2 portion and the step (a) of generating a public key comprises generating a plurality of public  
3 keys.

1 3. (Currently Amended) A method as in claim 2 ~~1~~, wherein in step (d) said secure key is  
2 combined with each of said plurality of public keys.

1 4. (Canceled) A method as in claim 3, wherein in step (d) said secure key is combined  
2 with ones of said plurality of public keys.

1 5. (Canceled) A method as in claim 2, wherein the step (c) of generating a secure key  
2 comprises generating a plurality of random suffixes, ones of said random suffixes being  
3 combined with ones of said plurality of public keys.

1 6. (Canceled) A method as in claim 5, wherein in the combining step (d), said random  
2 suffixes are concatenated with ones of said plurality of public keys.

1 7. (Currently Amended) A method as in claim 5 1, wherein in the distribution step (e),  
2 each of said random suffixes is sent as its corresponding key to members of at least one or  
3 ~~more~~ selected ~~groups~~ group, at least one selected group not receiving at least one or more  
4 distributed ~~keys~~ key.

1 8. (Currently Amended) A method as in claim 7, wherein group members use said  
2 received ~~said~~ random suffixes to access secure information.

1 9. (Original) A method as in claim 8, wherein the secure information is contained on a  
2 web page, each web page containing secure information being identified by one of said  
3 random suffixes.

1 10. (Currently Amended) A method as in claim 5 1, wherein the ~~secure~~ random suffixes  
2 are ~~encrypted~~ encryption keys and the corresponding keys are decryption keys.

1 11. (Currently Amended) A method as in claim 10, ~~wherein the combining step (d)~~  
2 ~~comprises the steps of:~~  
3 ~~—— i) —— creating a plurality of building blocks;~~  
4 ~~—— ii) —— encrypting each of said plurality of building blocks with selected encryption~~  
5 ~~keys, and~~  
6 ~~—— iii) ——~~ further comprising creating at least one ~~or more~~ secure web ~~pages~~ page, each  
7 ~~secure web page including one or more encrypted building blocks and having a secure web~~  
8 ~~page name.~~

1 12. (Original) A method as in claim 11, wherein the step (e) of distributing the  
2 decryption keys to group members further comprises sending e-mail to members of the  
3 selected group, informing said members of said secure web page name.

1 13. (Canceled) A method as in claim 11 wherein the encrypting step (ii) comprises  
2 concatenating said building blocks with encryption keys.

1 14. (Currently Amended) A method as in claim 1, wherein the secure keys are ~~encrypted~~  
2 encryption keys and the corresponding keys are decryption keys.

1 15. (Currently Amended) A method as in claim 14, wherein said encryption keys are  
2 combined with one or more links, said links combined with ~~encrypted~~ encryption keys being  
3 published as encrypted links.

1 16. (Canceled) A method as in claim 15, wherein a client browser automatically prompts  
2 a user for a decryption key whenever an encrypted link is encountered, said browser  
3 decrypting the encrypted link using the decryption key and, responsive to the decrypted  
4 encryption key requesting a corresponding web page.

1 17. (Canceled) A method as in claim 16, wherein the file corresponding to an encrypted  
2 link is encrypted.

1 18. (Canceled) A method as in claim 17, wherein said client browser automatically  
2 decrypts the corresponding encrypted file using a locally stored private decryption key.

1 19. (Currently Amended) A method as in claim 5 11, said method further comprising the  
2 step of:  
3 f) changing secure page names for a selected group.

1 20. (Currently Amended) A method as in claim 19, wherein the step (f) of changing  
2 secure page names comprises the steps of:  
3 i) removing a secure key from said secure page name;  
4 ii) attaching a new secure random suffix; and  
5 iii) sending e-mail to members of said selected group, informing said members of  
6 said name change.

1 21. (Currently Amended) A method as in claim 2 1, wherein the step (c) of generating  
2 the ~~secure~~ random suffix comprises the steps of:  
3 i) generating a plurality of random numbers; and  
4 ii) mapping each of said plurality of random numbers to a corresponding  
5 alphanumeric ~~number~~ character.

1 22. (Original) A method as in claim 21, wherein each of said random numbers is a  
2 number between 0 and 61.

1 23. (Original) A method as in claim 22, wherein the mapped plurality of random numbers  
2 generated is a decryption key, the method further comprising:  
3 iii) deriving an encryption key from said generated decryption key.

1 24. (Currently Amended) A computer program product for selectively making  
2 information available to selected groups ~~of parties~~ amongst a plurality of groups ~~parties~~, said  
3 computer program product comprising a computer usable medium having computer readable  
4 program code thereon, said computer readable program code comprising:

5 computer readable program code means for generating public keys;

6 computer readable program code means for publishing public keys;

7 computer readable program code means for generating secure keys that are random  
8 suffixes;

9 computer readable program code means for combining said secure keys with said

10 public keys by concatenating said random suffixes with ones of said plurality  
11 of public keys; and;

12 computer readable program code means for selectively distributing a key

13 corresponding to each ~~random~~ secure key to members of selected groups.

1 25. (Currently Amended) A computer program product as in claim 24, wherein the  
2 combining means combines said secure keys with said public keys to form secure links in a  
3 web page, and further comprising computer readable program code means for changing  
4 secure page names including:

5 computer readable program code means for removing a secure key from said secure  
6 page name;

7 computer readable program code means for attaching a new secure key; and

8 computer readable program code means for sending e-mail to members of said  
9 selected groups, informing said members of said secure name change.

1 26. (Canceled) A computer program product as in claim 24, wherein the secure keys are  
2 random suffixes and the combining means concatenates said random suffixes with ones of  
3 said plurality of public keys.

1 27. (Original) A computer program product as in claim 24, wherein each said secure key  
2 is distributed as its corresponding key and the key distribution means comprises:  
3 computer readable program code means for sending each of said secure keys to  
4 members of selected ones of said groups, members of at least one said group  
5 not being sent at least one distributed key.

1 28. (Original) A computer program product as in claim 24, further comprising:  
2 computer readable program code means for providing access to secure information  
3 responsive to keys provided by group members.

1 29. (Currently Amended) A computer program product as in claim 28, wherein the  
2 computer readable program code means for providing access to secure information further  
3 comprises:  
4 computer readable program code means for displaying secure information on a secure  
5 web page, each web page containing secure information identified by one of  
6 said ~~secure~~ random suffixes.

1 30. (Currently Amended) A computer program product as in claim 28, wherein the  
2 computer readable program code means for combining the ~~secure~~ random suffixes with the  
3 public keys comprises:

4 computer readable program code means for creating a plurality of building blocks;

5 computer readable program code means for attaching a secure key to each of said  
6 plurality of building blocks to form secure building blocks; and

7 computer readable program code means for creating one or more secure web pages,  
8 each secure web page including at least one ~~or more~~ secure building blocks  
9 block and having a secure web page name.

1 31. (Original) A computer program product as in claim 30, wherein the computer  
2 readable program code means for selectively distributing the secure keys comprises:

3 computer readable program code means for sending e-mail to group members and  
4 informing said members of said secure web page name.

1 32. (Original) A computer program product as in claim 31, wherein the computer  
2 readable program code means for generating secure keys generates encryption keys and the  
3 distributed corresponding keys are decryption keys.

1 33. (Canceled) A computer program product as in claim 25, further comprising:  
2 computer readable program code means for changing secure page.



1 34. (Canceled) A computer program product as in claim 33, wherein the computer  
2 readable program code means for changing secure page names comprises:  
3 computer readable program code means for removing a secure key from said secure  
4 page name;  
5 computer readable program code means for attaching a new secure key; and  
6 computer readable program code means for sending e-mail to members of said  
7 selected group, informing said members of said secure name change.

1 35. (Original) A computer program product as in claim 24, wherein the computer  
2 readable program code means for generating random suffixes comprises:  
3 computer readable program code means for generating a plurality of random numbers  
4 between 0 and 61; and  
5 computer readable program code means for mapping each of said plurality of random  
6 numbers to a corresponding alphanumeric number.

1 36. (Original) A computer program product as in claim 35, wherein the mapped plurality  
2 of random numbers generated is a decryption key, the computer readable program code  
3 means for generating random suffixes further comprising:  
4 computer readable program code means for deriving an encryption key from said  
5 generated decryption key.